



青 岛 润 昌 化 工 有 限 公 司
QINGDAO SAMIN CHEMICAL CO.,LTD.

SPECIFICATION

Product Name	L-Ornithine HCL
CAS №	3184-13-2
Molecular Formular	$C_5H_{13}ClN_2O_2$
Specification Version	AJ192
Shelf Life	24months
Package	25KG / drum

ITEM	SPECIFICATION
Appearance	White crystals or crystalline powder
Identification	Infrared absorption spectrum
Specific rotation	+23.0° ~ +25.0°
State of solution	≥ 98.0%
Ammonium	≤ 0.02%
Sulfate	≤ 0.02%
Iron	≤ 10ppm
Heavy metals	≤ 10ppm
Arsenic	≤ 1ppm
Other amino acids	Chromatographically not detectable
Loss on drying	≤ 0.20%
Residue on ignition (sulfated)	≤ 0.10%
Assay	99.0 ~ 101.0%
PH	5.0 ~ 6.0

Storage: Store in cool and dry place, in a well-close container, keep away from strong light and heat.

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